

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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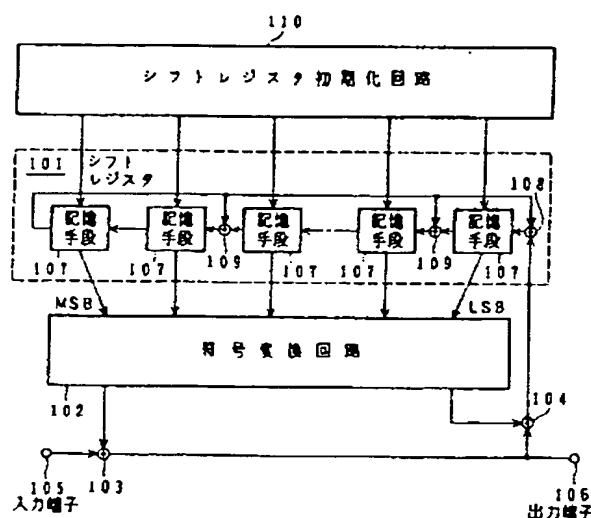
APPLICATION DATE : 27-05-88  
 APPLICATION NUMBER : 63129860

APPLICANT : NEC CORP;

INVENTOR : SAKO YASUHIKO;

INT.CL. : H04L 9/02 H04K 1/02

TITLE : DATA CONVERTER



ABSTRACT : PURPOSE: To improve the characteristic against complicated cryptographic processing, to privacy security and prevention of illegal invasion to a network line by setting a random signal to a storage means at the sender side and the receiver side as an initial digital pattern.

CONSTITUTION: A shift register initializing circuit 110 is provided as an initializing means setting a random signal to a storage means 107 as an initial digital pattern. A shift register 101 consists of the storage means 107 and exclusive OR circuits 108, 109. The random signal is set to a storage means 107 as an initializing digital pattern by using the initializing means 110 to improve the characteristic against complicated cryptographic processing and to the characteristic of preventing illegal intrusion to a network line.

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